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1 Manufacturing applications: Manufacturing 3: discrete event simulation in automotive final process system



Vishvas Patel, James Ashby, John Ma

 December 2002 **Proceedings of the 34th conference on Winter simulation: exploring new frontiers**

Full text available: pdf(165.60 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#)

The Final Process System is an important part of the entire quality assurance system in the automobile manufacturing process. Operators and machines perform a series of crucial testing procedures before shipping a vehicle. Many complex factors impact the system throughput. The important ones are first time success rate, repair and service routing logic, process layout, operator staffing, capacity of testing equipment and random equipment breakdown. Discrete Event Simulation is a tool of choice ...

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